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PA 1304495

# THE UNITED STATES OF AMERICA

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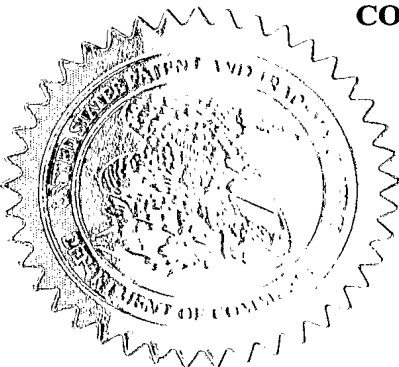
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**APPLICATION NUMBER: 60/574,424**

**FILING DATE: May 25, 2004**

**By Authority of the  
COMMISSIONER OF PATENTS AND TRADEMARKS**



*L. Edele*

**L. EDELEN  
Certifying Officer**

01919 U.S. PTO

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PTO/SB/16 (8-00)

Approved for use through 10/31/2002. OMB 0651-0032

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**PROVISIONAL APPLICATION FOR PATENT COVER SHEET**

This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 CFR 1.53(c).

22151 U.S. PTO  
60/574424

052504

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<input checked="" type="checkbox"/> Additional inventors are being named on the <u>1</u> separately numbered sheets attached hereto.					
TITLE OF THE INVENTION (280 characters max) <b>HI-G-PARK - WIRELESS CAR &amp; STORED ITEMS IDENTIFICATION SYSTEM</b>					
Direct all correspondence to: <b>CORRESPONDENCE ADDRESS</b>					
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<input checked="" type="checkbox"/> Firm or Individual Name		<b>ABELMAN, FRAYNE &amp; SCHWAB</b> Attorneys at Law			
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<b>U.S.A.</b>		<b>(212) 949-9022</b>		<b>(212) 949-9190</b>	
ENCLOSED APPLICATION PARTS (check all that apply)					
<input checked="" type="checkbox"/> Specification		Number of Pages <span style="border: 1px solid black; padding: 0 10px;"><b>1</b></span>		<input type="checkbox"/> CD(s), Number <span style="border: 1px solid black; display: inline-block; width: 100px; height: 1.2em; vertical-align: middle;"></span>	
<input checked="" type="checkbox"/> Drawing(s)		Number of sheets <span style="border: 1px solid black; padding: 0 10px;"><b>7</b></span>		<input type="checkbox"/> Other (specify) <span style="border: 1px solid black; display: inline-block; width: 100px; height: 1.2em; vertical-align: middle;"></span>	
<input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76					
METHOD OF PAYMENT OF FILING FEES FOR THIS PROVISIONAL APPLICATION FOR PATENT (check one)					
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.					
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<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.					
<input checked="" type="checkbox"/> No.					
<input type="checkbox"/> Yes, the name of the U.S. Government agency and the Government contract number are: _____					

Respectfully submitted,

SIGNATURE

TYPED or PRINTED NAME **Jay S. Cinamon**TELEPHONE **(212) 949-9022**Date **May 25, 2004**

REGISTRATION NO.

**24,156**

(if appropriate)

Docket Number:

**206,555****USE ONLY FOR FILING A PROVISIONAL APPLICATION FOR PATENT**

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Docket Number		206,555	Type a plus sign (+) inside this box →	+
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Number   2   of   2

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Hi-G-Tek

24 May 2004

## Hi-G-Park – Wireless car & stored items identification system

### 1. General

The Hi-G-Park system allows real time monitoring and control of all activities associated with the operation of parking lots and stored items in large storage areas. The system includes Identification Flag-Tag with active RFID communication to remote control center incorporated with electro-locking device that can release, as per a specific command from the control center, a visual detectable sign (flag, balloon or any other such item).

The unique car or item Flag-Tag can be attached to the monitored car, vehicle or any type of stored item. They are long lasting battery operated devices that can be monitored wirelessly from remote control centers, many simultaneously. They are designed in specific to withstand severe environmental conditions of out door large storage areas.

The system controls in real time the location and status of each stored item and the electronic Flag-Tag can include any type of sensor such as motion, tilt, attached / detached etc. for immediate report of its status.

The system can contains different types of Identification active Flag-Tags with adaptors to the specific stored item and in addition an integrated marking flag (such as electronic led, audible device or real flag) that can be released, when the specific item (or group of items) need to be found. Such system can provide fast identification of the required item in large parking lots or storage areas (yard of containers, stored packages, cars in parking lots etc.).

The active location Flag-Tag can be mounted on the items in different ways. In the case of a car it can be mounted on the car's window when the electronic tag is on the inner side of the car and the marking flag is on the outer side of the car.

Once the location of the specific item is found the marking flag part of the Flag-Tag can be manually pressed back to its original position so that it can be re-used.

### 2. System components

2.1 Flag-Tag: Protects and identifies the specific stored item.

2.2 DataReader: Installed around the parking lots or storage areas or on moving vehicle.

2.3 Center Base station: receives/sends data and commands from the control center, wirelessly to any specific or group of stored items.

2.4 Microreader and Hand Held Terminal: optional, sets the Flag-Tag from short range in the parking / storage environment.

See Fig. 1 for all system components.

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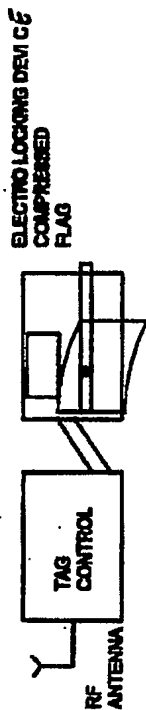
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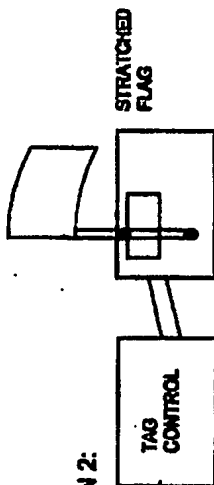
# WIRELESS REMOTE IDENTIFICATION SYSTEM

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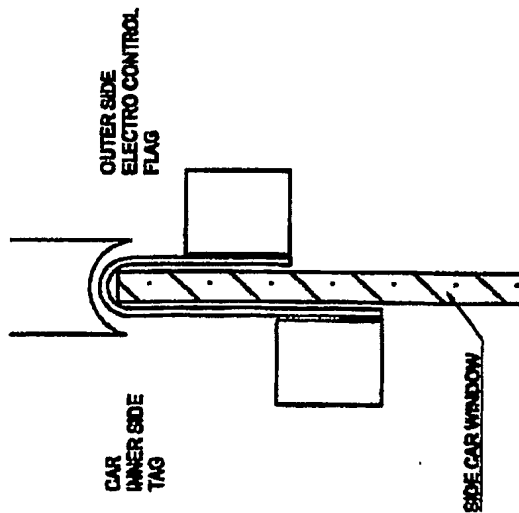
POSITION 1:



POSITION 2:



## OPTION A - PHYSICL FLAG



OPTIONS B-AUDIO



OPTION C-LIGHT



SIGNATURES DATE			
DESIGNED	DATE	TITLE	<p>F16 1</p>
APPROVED	DATE	SIZE DWG NO	REV
MATERIAL		8	1
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Hi-G-Tek

Cob



7 x 14" US Car Flag  
CarFlags with Your Lo



**Hi-G-Tek**

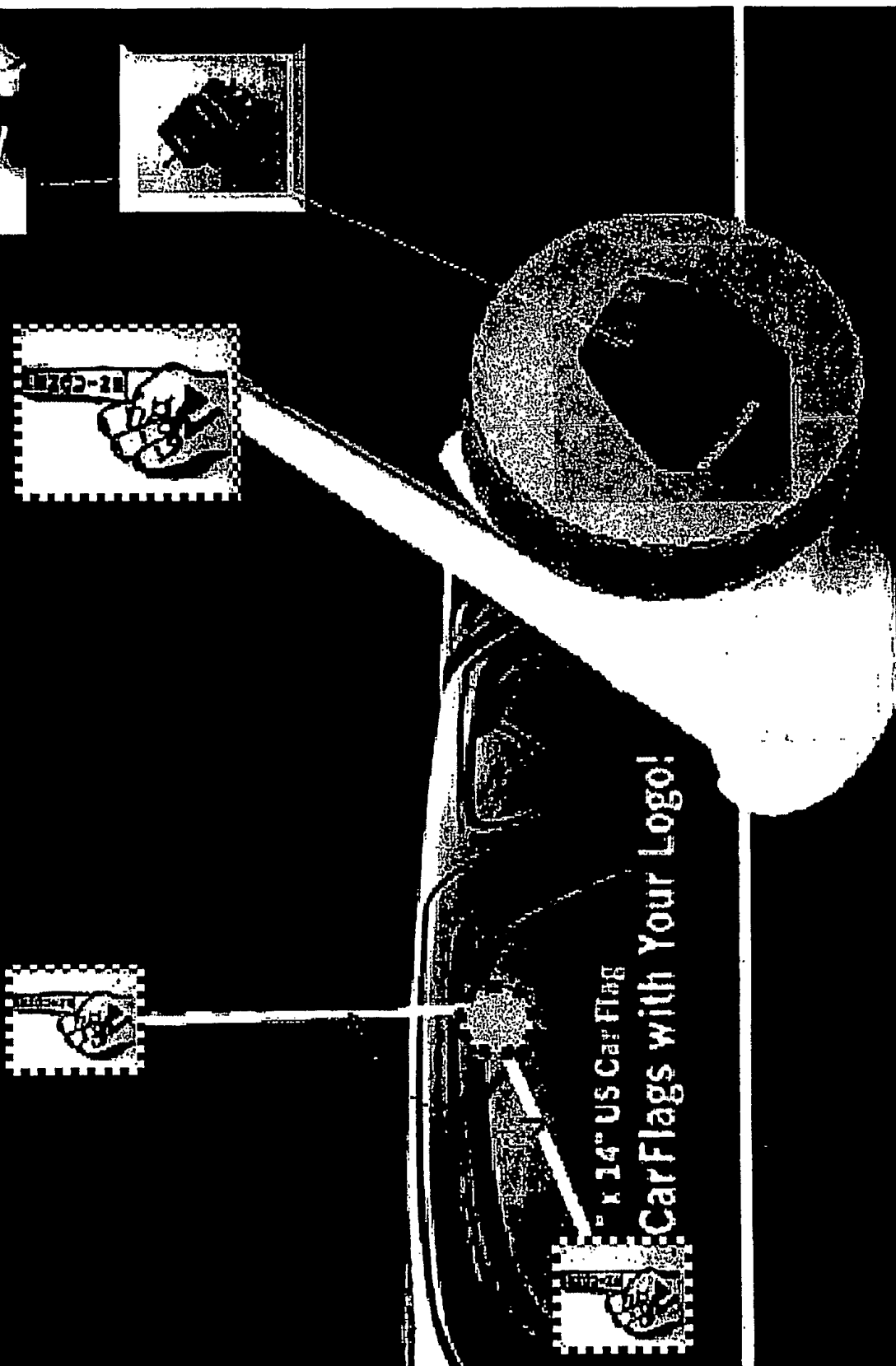


**10 1/2" x 14" US Car Flag**

**^ CarFlags with Your Logo!**

# Cobra Parking

Hi-G-Tek



# Cobra Parking

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10 1/2" x 14" US Car Flag  
CarFlags with Your Logo

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